



Product Evaluation

WIN2250 | 1117

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2250

Effective Date: November 1, 2017

Re-evaluation Date: October 2021

Product Name: H3 2.0 Aluminum Clad Vinyl Wood Main Frame, Aluminum Clad Wood Sash, Composite Mull, Awning Windows, Fin Installation, Non-Impact Resistant

Manufacturer: Sierra Pacific Windows
575 South Whelen Avenue
Medford, WI 54451
(715) 748-2011

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Awning Windows; 2-Wide	CW-PG35 95 X 48-AP	+35 / -35 psf
2	Awning Windows; 2-Wide; HP	CW-PG45 95 X 48-AP	+45 / -45 psf
3	Awning Windows; 3-Wide	CW-PG35 120 X 48-AP	+35 / -35 psf
4	Awning Windows; 3-Wide; HP	CW-PG50 120 X 48-AP	+50 / -65 psf
5	Awning Windows; 2-Wide	CW-PG50 95 X 36-AP	+50 / -65 psf

Product Dimensions:

System	Overall Size	Sash Size
1	94-1/2" x 47-1/2"	45-3/4" x 45-3/4"
2	94-1/2" x 47-1/2"	45-3/4" x 45-3/4"
3	120" x 47-1/2"	38-9/16" x 45-3/4"
4	120" x 47-1/2"	38-9/16" x 45-3/4"
5	94-1/2" x 35-1/2"	45-3/4" x 33-3/4"

Product Identification (Certification Label on Window):

System		
1, 5	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	H3 2.0 Awning 2-Wide
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
2	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	H3 2.0 Awning 2-Wide-HP
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	H3 2.0 Awning 3-Wide
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
4	Certification Agency	WDMA
	Manufacturer's Name or Code Name	Sierra Pacific Windows
	Product Name	H3 2.0 Awning 3-Wide-HP
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11

Impact Resistance:

System	Impact Resistant	Requirement
1- 5	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Acceptance of Smaller Assemblies: Window assemblies with dimensions equal to or smaller than those specified are acceptable with the limitations specified in this report.

Installation:

System		
1, 3	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 PPH screws
	Fastener Location/Spacing	Locate fasteners approximately 4" from each corner, approximately 8" on center along the sill and side jambs, and approximately 6" on center along the head.
	Fastener Penetration	Minimum 1-1/2" into the wall framing
2, 4, 5	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir Dimension lumber
	Fasteners	Minimum No. 8 PPH screws
	Fastener Location/Spacing	Locate fasteners approximately 4" from each corner, approximately 8" on center along the sill and side jambs, and approximately 6" on center along the head. Installation Clips: 1.5" x 5"-8" x 20 gauge galvanized steel. One located at the mull post location at the head and sill. Secured to the window frame with one No. 8 x 2-1/2" PH SMS and to the wall framing with two No. 8 PPH screws.
	Fastener Penetration	Minimum 1-1/2" into the wall framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.